Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

Claims 1-18 (Canceled)

Claim 19 (Currently Amended)   A method for providing information ~~related~~

correlated to one or more probe sets, wherein each probe-set is capable of the

identification of a biological molecule ~~has one or more identifiers~~ comprising:

        receiving ~~a first set~~ a query comprising a user selection of one or more of the

probe-set identifiers, wherein each of the probe set identifiers identifies one or more of

the probe-[[set]]sets ~~is capable of the identification of a biological molecule~~ selected from

the results of one or more experiments performed using biological probe arrays ~~is capable~~

~~of the identification of a biological molecule~~;

        correlating each of the ~~first set of~~ probe-set identifiers with gene or EST ~~a first set~~

~~of one or more~~ data;

        correlating ~~each of the first set of~~ gene or EST data with a ~~second~~ set of ~~one or~~

~~more~~ protein data; and

        providing the ~~second~~ set of protein data to [[a]] the user.

Claims 20 – 48 (Canceled)

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Claim 49 (Currently Amended)   A system for providing information ~~related~~ correlated to one or more probe sets, comprising:

an input manager for receiving a query comprising a user selection of one or more probe-set identifiers, wherein each of the probe-set identifiers identifies ~~associated with~~ one or more of the probe sets selected from the results of one or more experiments performed using biological probe arrays;

a determiner for correlating each of the probe-set identifiers with gene or EST ~~a first set of~~ data; ~~and~~

a correlator for correlating the gene or EST ~~the first set of~~ data with a ~~second~~ set of protein data; and

an output manager that provides the set of protein data to the user;

wherein the probe-set identifiers include one or more of accession number, manufacturer-defined probe set identifier, biological sequence, or annotation term, and further wherein the gene or EST ~~first set of~~ data includes biological sequence, ~~and still further wherein the second set of data includes protein information~~.

Claim 50 (Currently Amended)   The system of claim 49, wherein:

the protein ~~information~~ data includes biological process, molecular function, or cellular location information.

Claim 51 (Currently Amended)   The system of claim 50, wherein:

the protein ~~information~~ data comprises ~~includes information related to~~ protein domain information.

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Claims 52 – 60 (Canceled)

Claim 61 (Previously Presented)   The method of claim 19, wherein:

the probe-set identifiers include one or more of accession number, manufacturer-

defined probe-set identifier, biological sequence, or annotation term.

Claim 62 (Currently Amended)   The method of claim 19, wherein:

the gene or EST ~~first set of~~ data includes biological sequence.

Claim 63 (Cancelled)

Claim 64 (Currently Amended)   The method of claim [[63]] 19, wherein:

the protein data ~~information includes~~ comprises biological process, molecular

function, or cellular location information.

Claim 65 (Currently Amended)   The method of claim 64, wherein:

the protein data ~~information includes information~~ comprises ~~related to~~ protein

domain information.

Claim 66 (Cancelled)